

| L Number | Hits    | Search Text   | DB                                 | Time stamp       |
|----------|---------|---|------------------------------------|------------------|
| 65       | 840     | (biphenyl diphenyl) adj acrylate  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/19 17:23 |
| 66       | 30279   | hydroxyethyl adj (methacrylate acrylate)  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/19 17:23 |
| 67       | 13      | ((biphenyl diphenyl) adj acrylate ) same<br>(hydroxyethyl adj (methacrylate acrylate))  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/19 17:55 |
| 68       | 22      | ((("6316165") or ("4788127") or ("6165697")<br>or ("5376504") or ("6054248") or ("6323287"))<br>or ("20020007018") or ("20020173594") or<br>("20020022196") or ("20020009670") or<br>("20020031729") or ("4454274")).PN.<br>("6610808").PN.   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/19 18:03 |
| 69       | 2       |   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/19 18:24 |
| 70       | 0       | 1035442.URPN.   | DERWENT                            |                  |
| 71       | 2       | 6054248.URPN.   | USPAT                              | 2004/03/19 18:14 |
| 72       | 2       | ("20020007018").PN.   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/19 18:14 |
|          | 9388    | (thermally adj cured) (heat adj cured)  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 17:31 |
|          | 96      | thermal adj acid adj generator  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/25 09:24 |
|          | 2675814 | polymer resin binder  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/25 09:25 |
|          | 279419  | crosslink\$3 cross-link\$3 (cross adj link\$3)  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 21:41 |
|          | 19      | ((thermally adj cured) (heat adj cured) )<br>and (thermal adj acid adj generator) and<br>(polymer resin binder) and (crosslink\$3<br>cross-link\$3 (cross adj link\$3))   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 17:38 |
|          | 0       | 6323287.URPN.   | USPAT; USPAT                       | 2002/11/25 11:28 |
|          | 25      | ("4454274"   "5208133"   "5227276"  <br>"5230985"   "5266424"   "5288741"  <br>"5292614"   "5304456"   "5318878"  <br>"5340697"   "5376504"   "5445850"  <br>"5494777"   "5514755"   "5529885"  <br>"5536835"   "5541263"   "5585219"  <br>"5585222"   "5627010"   "5738972"  <br>"5773190"   "5780206"   "5789136"  <br>"5800964").PN. | USPAT; USPAT                       | 2002/11/25 11:28 |
|          | 0       | ("6492092").PN.   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/25 11:57 |
|          | 25      | ((("5494777") or ("5292614") or ("5851730")<br>or ("5597868") or ("3245954") or ("4593052")<br>or ("5218018") or ("3884992") or ("5300380")<br>or ("5397685") or ("4866133") or<br>("6054248")).PN.   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/25 12:36 |
|          | 5       | ((("6165697") or ("6451503"), or<br>("6316165")).PN.  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/25 12:34 |

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|  | 2      | ("6165697") . PN.   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/25 13:08 |
|  | 0      | trimethylsilyloxsilyl near (methacrylate acrylate)  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/25 13:09 |
|  | 167    | trimethylsilyl near (methacrylate acrylate)   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/25 13:32 |
|  | 14     | isbornyl near (methacrylate acrylate)   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 17:39 |
|  | 6114   | polyhydroxystyrene polyvinylphenol hydroxystyrene vinylphenolic vinylphenol   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/25 13:34 |
|  | 0      | (isbornyl near (methacrylate acrylate)) and (polyhydroxystyrene polyvinylphenol hydroxystyrene vinylphenolic vinylphenol )  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/25 13:35 |
|  | 3577   | isobornyl near (methacrylate acrylate)  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/25 13:35 |
|  | 132    | (polyhydroxystyrene polyvinylphenol hydroxystyrene vinylphenolic vinylphenol ) and (isobornyl near (methacrylate acrylate))   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/25 13:35 |
|  | 114    | ((polyhydroxystyrene polyvinylphenol hydroxystyrene vinylphenolic vinylphenol ) and (isobornyl near (methacrylate acrylate))) and ((thermal thermally heat)   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 17:39 |
|  | 8      | ((polyhydroxystyrene polyvinylphenol hydroxystyrene vinylphenolic vinylphenol ) and (isobornyl near (methacrylate acrylate))) and ((thermal thermally heat) near generat\$4)  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 17:39 |
|  | 1149   | styrene same propanol   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/25 14:28 |
|  | 48     | (styrene same propanol ) and ((thermal thermally heat) near generat\$4)   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/25 14:30 |
|  | 2      | ("5344742") . PN.   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/25 20:36 |
|  | 442360 | t-butylphenyl near (p-toluenesulfonyloxy) -acetate  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/25 20:40 |
|  | 11158  | (t-butylphenyl near (p-toluenesulfonyloxy) -acetate) same (generat\$4)  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/25 20:57 |
|  | 6767   | FOSTER-P FOSTER-PATRICK FOSTER-PATRICK-W SLATER-SYDNEY-G SLATER-SYDNEY-GEORGE SLATER-S-G SLATER-S STEINHAUSLER STEINHAUSLER-T STEINHAUSLER-THOMAS BLAKENEY BLAKENEY-ANDREW-J BLAKENEY-ANDREW-JOSEPH BLAKENEY-A-J BIAFORE-J-J BIAFORE-JOHN-J BIAFORE-JOHN-JOSEPH BIAFORE-JR-JOHN-J BIAFORE-J-J | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/25 21:03 |

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|  | 877 | (FOSTER-P FOSTER-PATRICK FOSTER-PATRICK-W<br>SLATER-SYDNEY-G SLATER-SYDNEY-GEORGE<br>SLATER-S-G SLATER-S STEINHAUSLER<br>STEINHAUSLER-T STEINHAUSLER-THOMAS BLAKENEY<br>BLAKENEY-ANDREW-J BLAKENEY-ANDREW-JOSEPH<br>BLAKENEY-A-J BIAFORE-J-J BIAFORE-JOHN-J<br>BIAFORE-JOHN-JOSEPH BIAFORE-JR-JOHN-J<br>BIAFORE-J-J) and (thermal thermally)  | USPAT;<br>US-PPGPUB;<br>EPO; JPO;<br>DERWENT | 2002/11/25 21:04 |
|  | 4   | ((FOSTER-P FOSTER-PATRICK FOSTER-PATRICK-W<br>SLATER-SYDNEY-G SLATER-SYDNEY-GEORGE<br>SLATER-S-G SLATER-S STEINHAUSLER<br>STEINHAUSLER-T STEINHAUSLER-THOMAS BLAKENEY<br>BLAKENEY-ANDREW-J BLAKENEY-ANDREW-JOSEPH<br>BLAKENEY-A-J BIAFORE-J-J BIAFORE-JOHN-J<br>BIAFORE-JOHN-JOSEPH BIAFORE-JR-JOHN-J<br>BIAFORE-J-J) and (thermal thermally)) and<br>(amino near (cross-link\$3 crosslink\$3 (cross<br>adj link\$3)))  | USPAT;<br>US-PPGPUB;<br>EPO; JPO;<br>DERWENT | 2004/03/18 17:40 |
|  | 4   | ((("5494777") or ("5292614")) .PN.  | USPAT;<br>US-PPGPUB;<br>EPO; JPO;<br>DERWENT | 2002/11/25 21:13 |
|  | 142 | ((FOSTER-P FOSTER-PATRICK FOSTER-PATRICK-W<br>SLATER-SYDNEY-G SLATER-SYDNEY-GEORGE<br>SLATER-S-G SLATER-S STEINHAUSLER<br>STEINHAUSLER-T STEINHAUSLER-THOMAS BLAKENEY<br>BLAKENEY-ANDREW-J BLAKENEY-ANDREW-JOSEPH<br>BLAKENEY-A-J BIAFORE-J-J BIAFORE-JOHN-J<br>BIAFORE-JOHN-JOSEPH BIAFORE-JR-JOHN-J<br>BIAFORE-J-J) and (thermal thermally)) and<br>(cross-link\$3 crosslink\$3 (cross adj<br>link\$3)))  | USPAT;<br>US-PPGPUB;<br>EPO; JPO;<br>DERWENT | 2002/11/25 21:14 |
|  | 1   | ((((FOSTER-P FOSTER-PATRICK FOSTER-PATRICK-W<br>SLATER-SYDNEY-G SLATER-SYDNEY-GEORGE<br>SLATER-S-G SLATER-S STEINHAUSLER<br>STEINHAUSLER-T STEINHAUSLER-THOMAS BLAKENEY<br>BLAKENEY-ANDREW-J BLAKENEY-ANDREW-JOSEPH<br>BLAKENEY-A-J BIAFORE-J-J BIAFORE-JOHN-J<br>BIAFORE-JOHN-JOSEPH BIAFORE-JR-JOHN-J<br>BIAFORE-J-J) and (thermal thermally)) and<br>(cross-link\$3 crosslink\$3 (cross adj<br>link\$3))) and (substrate support) and<br>(hydroxyl near polymer)   | USPAT;<br>US-PPGPUB;<br>EPO; JPO;<br>DERWENT | 2003/10/20 11:36 |
|  | 120 | ((((FOSTER-P FOSTER-PATRICK FOSTER-PATRICK-W<br>SLATER-SYDNEY-G SLATER-SYDNEY-GEORGE<br>SLATER-S-G SLATER-S STEINHAUSLER<br>STEINHAUSLER-T STEINHAUSLER-THOMAS BLAKENEY<br>BLAKENEY-ANDREW-J BLAKENEY-ANDREW-JOSEPH<br>BLAKENEY-A-J BIAFORE-J-J BIAFORE-JOHN-J<br>BIAFORE-JOHN-JOSEPH BIAFORE-JR-JOHN-J<br>BIAFORE-J-J) and (thermal thermally)) and<br>(cross-link\$3 crosslink\$3 (cross adj<br>link\$3))) and (substrate support) and<br>(polymer binder resin )   | USPAT;<br>US-PPGPUB;<br>EPO; JPO;<br>DERWENT | 2002/11/25 21:31 |
|  | 12  | (((((FOSTER-P FOSTER-PATRICK FOSTER-PATRICK-W<br>SLATER-SYDNEY-G SLATER-SYDNEY-GEORGE<br>SLATER-S-G SLATER-S STEINHAUSLER<br>STEINHAUSLER-T STEINHAUSLER-THOMAS BLAKENEY<br>BLAKENEY-ANDREW-J BLAKENEY-ANDREW-JOSEPH<br>BLAKENEY-A-J BIAFORE-J-J BIAFORE-JOHN-J<br>BIAFORE-JOHN-JOSEPH BIAFORE-JR-JOHN-J<br>BIAFORE-J-J) and (thermal thermally)) and<br>(cross-link\$3 crosslink\$3 (cross adj<br>link\$3))) and (substrate support) and<br>(polymer binder resin )) and (topcoat<br>top-coat (top adj coat) undercoat under-coat<br>(under adj coat)) | USPAT;<br>US-PPGPUB;<br>EPO; JPO;<br>DERWENT | 2002/11/25 22:49 |
|  | 14  | ("4072770"   "4189320"   "4224399"  <br>"4490417"   "4533975"   "4690987"  <br>"5177120"   "5232813"   "5473048"  <br>"5492793"   "5747622"   "5759631"  <br>"5849835"   "5866294").PN.   | USPAT  | 2002/11/25 21:40 |

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|  | 353    | uv5  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/25 22:49 |
|  | 21     | uv5 same (photoresist resist)  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/25 22:54 |
|  | 9      | shipley near UV5   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/26 09:05 |
|  | 354    | UV5  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/26 09:05 |
|  | 17     | (("6440636") or ("2002007006") or ("6379874") or ("6280898") or ("6312867") or ("6042989") or ("6028154") or ("5886119") or ("5886119") or ("5371147") or ("6379874")).PN.   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/20 11:36 |
|  | 181    | tetrahydropyranyl near (methacrylate acrylate)   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/26 09:31 |
|  | 18     | \$3tetrahydropyranyl\$4acrylate  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/26 09:32 |
|  | 192    | (tetrahydropyranyl near (methacrylate acrylate)) \$3tetrahydropyranyl\$4acrylate   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/26 09:32 |
|  | 271491 | tristrimethylsiloxy\$5methacryloxypropylsilane TRIS  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/26 09:36 |
|  | 27296  | hydroxyethyl\$5acrylate (hydroxy\$7thyl near (\$4acrylate))  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/26 09:35 |
|  | 0      | ((tetrahydropyranyl near (methacrylate acrylate)) \$3tetrahydropyranyl\$4acrylate ) same (tristrimethylsiloxy\$5methacryloxypropylsilane TRIS ) same (hydroxyethyl\$5acrylate (hydroxy\$7thyl near (\$4acrylate))) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/26 09:35 |
|  | 0      | ((tetrahydropyranyl near (methacrylate acrylate)) \$3tetrahydropyranyl\$4acrylate ) and (tristrimethylsiloxy\$5methacryloxypropylsilane TRIS ) and   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/26 09:35 |
|  | 31     | \$3tetrahydropyranyl\$4acrylate ) and (tristrimethylsiloxy\$5methacryloxypropylsilane TRIS ) and (hydroxyethyl\$5acrylate \$7thydroxy\$7thyl\$5acrylate \$5methacryloxypropylsilane "TRIS"                         | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/26 09:35 |
|  | 271491 | tristrimethylsiloxy\$5methacryloxypropylsilane   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/26 09:37 |
|  | 0      | tristrimethylsiloxy\$5methacryloxypropylsilane   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/26 09:37 |
|  | 31     | tristrimethylsiloxy\$  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/26 09:37 |

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|  | 0      | tristrimethylsiloxy\$ and ((tetrahydropyranyl near (methacrylate acrylate)) \$3tetrahydropyranyl\$4acrylate ) and (hydroxyethyl\$5acrylate (hydroxy\$7thyl near (\$4acrylate)))  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/26 09:43 |
|  | 17     | (biphenyl near (acrylate methacrylate)) same (\$5hydroxyethyl near (acrylate methacrylate))  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/26 10:06 |
|  | 82     | (positive same (resist photoresist) same (silicon)) and (overcoat topcoat ((over top) adj coat) over-coat top-coat)  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/26 10:23 |
|  | 3513   | positive same (resist photoresist) same (silicon)  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/26 10:53 |
|  | 403    | (positive same (resist photoresist) same (silicon)) and (430/270.1).ccls.  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/26 10:56 |
|  | 211    | positive same (resist photoresist) same (silicon near containing)  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/26 10:54 |
|  | 40     | (positive same (resist photoresist) same (silicon near containing)) and (430/270.1).ccls.  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/26 11:11 |
|  | 17     | megaposit snr248-1.0   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/26 11:56 |
|  | 513149 | biphenyl adj (acrylate or methacrylate) copolymer  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/26 11:57 |
|  | 2      | biphenyl adj (acrylate or methacrylate) adj copolymer  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/11/26 12:02 |
|  | 11     | biphenyl adj (acrylate or methacrylate) same hydroxyethyl  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 17:40 |
|  | 17     | (US-6479213-\$ or US-5371147-\$ or US-6312867-\$ or US-6323287-\$ or US-6309795-\$ or US-5851730-\$ or US-5514755-\$ or US-5376504-\$ or US-4454274-\$ or US-6054248-\$).did. or (US-20020028409-\$ or US-20020022196-\$ or US-20020173594-\$ or US-20020007018-\$ or US-20020009670-\$ or US-20020031729-\$).did. or (WO-200053645-\$).did. | USPAT; US-PGPUB; DERWENT           | 2003/10/20 10:28 |
|  | 3      | (("6316165") or ("4788127") or ("6165697")).PN.  | USPAT                              | 2003/10/20 10:33 |
|  | 54723  | siloxo silyl alkylsilyl (trimethylsiloxy adj silane) silicon-containing trimethylsilylmethyl   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/20 10:58 |
|  | 5803   | acid adj (labile decomposable)   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/20 10:34 |
|  | 16     | (siloxo silyl alkylsilyl (trimethylsiloxy adj silane) silicon-containing trimethylsilylmethyl) same (acid adj (labile decomposable)) same (methacrylate acrylate)  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/20 10:57 |
|  | 310    | (siloxo silyl alkylsilyl (trimethylsiloxy adj silane) silicon-containing trimethylsilylmethyl) same (acid adj (labile decomposable))   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/20 10:57 |

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|   | 577 | trimethylsiloxy adj silane   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/20 11:09 |
|   | 294 | ((siloxy silyl alkylsilyl (trimethylsiloxy adj silane) silicon-containing trimethylsilylmethyl) same (acid adj (labile decomposable)) ) not ((siloxy silyl alkylsilyl (trimethylsiloxy adj silane) silicon-containing trimethylsilylmethyl) same (acid adj (labile decomposable)) same (methacrylate acrylate))  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/20 11:00 |
|   | 577 | (trimethylsiloxy adj silane) not ((siloxy silyl alkylsilyl (trimethylsiloxy adj silane) silicon-containing trimethylsilylmethyl) same (acid adj (labile decomposable)) same (methacrylate acrylate))   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/20 11:05 |
|   | 535 | (trimethylsiloxy adj silane) not ((siloxy silyl alkylsilyl (trimethylsiloxy adj silane) silicon-containing trimethylsilylmethyl) same (acid adj (labile decomposable)) same (methacrylate acrylate))   | USPAT; US-PGPUB                    | 2003/10/20 11:05 |
| 0 | 0   | ((trimethylsiloxy adj silane) same (acid adj (labile decomposable)) not ((siloxy silyl alkylsilyl (trimethylsiloxy adj silane) silicon-containing trimethylsilylmethyl) same (acid adj (labile decomposable)) same (methacrylate acrylate))  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/20 11:09 |
| 0 | 0   | ((trimethylsiloxy adj silane) same (acid adj (labile decomposable)))   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/20 11:09 |
| 0 | 0   | trimethylsiloxy adj silyl same (acid adj (labile decomposable))  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/20 11:09 |
|   | 83  | trimethylsiloxy adj silyl  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/20 11:09 |
|   | 2   | trimethylsiloxy adj silyl and (acid adj (labile decomposable))   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/20 11:11 |
|   | 0   | (trimethylsiloxy adj silylethoxy) and (acid adj (labile decomposable))   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/20 11:11 |
|   | 0   | (trimethylsiloxy adj silylethoxy)  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/20 11:11 |
|   | 29  | ((thermally adj cured) (heat adj cured) ) and (thermal adj acid adj generator) and (polymer resin binder) and (crosslink\$3 cross-link\$3 (cross adj link\$3))   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/20 11:37 |
|   | 17  | ((("6440636") or ("2002007006") or ("6379874") or ("6280898") or ("6312867") or ("6042989") or ("6028154") or ("5886119") or ("5886119") or ("5371147") or ("6379874"))).PN..  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/20 11:36 |
|   | 1   | ((FOSTER-P FOSTER-PATRICK FOSTER-PATRICK-W SLATER-SYDNEY-G SLATER-SYDNEY-GEORGE SLATER-S-G SLATER-S STEINHAUSLER STEINHAUSLER-T STEINHAUSLER-THOMAS BLAKENEY BLAKENEY-ANDREW-J BLAKENEY-ANDREW-JOSEPH BLAKENEY-A-J BIAFORE-J-J BIAFORE-JOHN-J BIAFORE-JOHN-JOSEPH BIAFORE-JR-JOHN-J BIAFORE-J-J) and (thermal thermally)) and ((cross-link\$3 crosslink\$3 (cross adj link\$3))) and (substrate support) and (hydroxyl near polymer) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/20 11:37 |

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|      | 15     | isbornyl near (methacrylate acrylate)   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/20 11:37 |
|      | 29     | ((thermally adj cured) (heat adj cured) ) and (thermal adj acid adj generator) and (polymer resin binder) and (crosslink\$3 cross-link\$3 (cross adj link\$3))  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/10/20 11:37 |
|      | 3      | (("6410209") or ("6602652")).PN.  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 17:32 |
|      | 32     | ((thermally adj cured) (heat adj cured) ) and (thermal adj acid adj generator) and (polymer resin binder) and (crosslink\$3 cross-link\$3 (cross adj link\$3))  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 18:07 |
| 4894 |        | isbornyl near (methacrylate acrylate)   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 17:39 |
|      | 175    | ((polyhydroxystyrene polyvinylphenol hydroxystyrene vinylphenolic vinylphenol ) and (isbornyl near (methacrylate acrylate))) and (thermal thermally heat)   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 17:39 |
|      | 17     | (US-6479213-\$ or US-6312867-\$ or US-5514755-\$ or US-6323287-\$ or US-5851730-\$ or US-4454274-\$ or US-6054248-\$ or US-6309795-\$ or US-5376504-\$ or US-5371147-\$).did. or (US-20020031729-\$ or US-20020173594-\$ or US-20020007018-\$ or US-20020009670-\$ or US-20020022196-\$ or US-20020028409-\$).did. or (WO-200053645-\$).did.  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 17:40 |
|      | 8      | ((FOSTER-P FOSTER-PATRICK FOSTER-PATRICK-W SLATER-SYDNEY-G SLATER-SYDNEY-GEORGE SLATER-S-G SLATER-S STEINHAUSLER STEINHAUSLER-T STEINHAUSLER-THOMAS BLAKENEY BLAKENEY-ANDREW-J BLAKENEY-ANDREW-JOSEPH BLAKENEY-A-J BIAFORE-J-J BIAFORE-JOHN-J BIAFORE-JOHN-JOSEPH BIAFORE-JR-JOHN-J BIAFORE-J-J) and (thermal thermally)) and (amino near (cross-link\$3 crosslink\$3 (cross adj link\$3))) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 17:43 |
|      | 16     | ((polyhydroxystyrene polyvinylphenol hydroxystyrene vinylphenolic vinylphenol ) and (isbornyl near (methacrylate acrylate))) and ((thermal thermally heat) near generat\$4)   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 18:48 |
|      | 83     | hydroxystyrene and (isbornyl adj (methacrylate acrylate))   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 18:07 |
|      | 331718 | crosslink\$3 cross-link\$3 (cross adj link\$3)  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 18:07 |
|      | 57     | (hydroxystyrene and (isbornyl adj (methacrylate acrylate))) and (crosslink\$3 cross-link\$3 (cross adj link\$3))  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 18:07 |
|      | 54     | ((hydroxystyrene and (isbornyl adj (methacrylate acrylate))) and (crosslink\$3 cross-link\$3 (cross adj link\$3))) and (support substrate wafer)  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 18:08 |
|      | 30     | ((hydroxystyrene and (isbornyl adj (methacrylate acrylate))) and (crosslink\$3 cross-link\$3 (cross adj link\$3))) and (support substrate wafer)) and (\$5acid adj generator)   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 18:08 |

|  |  |      |  |                                    |                  |
|--|--|------|--|------------------------------------|------------------|
|  |  | 30   | ((hydroxystyrene and (isobornyl adj (methacrylate acrylate))) and (crosslink\$3 cross-link\$3 (cross adj link\$3))) and (support substrate wafer) and (\$7acid adj generator)  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 18:38 |
|  |  | 25   | ("4454274"   "5208133"   "5227276"   "5230985"   "5266424"   "5288741"   "5292614"   "5304456"   "5318878"   "5340697"   "5376504"   "5445850"   "5494777"   "5514755"   "5529885"   "5536835"   "5541263"   "5585219"   "5585222"   "5627010"   "5738972"   "5773190"   "5780206"   "5789136"   "5800964").PN.  | USPAT                              | 2004/03/18 18:10 |
|  |  | 3    | 6323287.URPN.  | USPAT                              | 2004/03/18 18:35 |
|  |  | 614  | undercoat and topcoat and substrate  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 21:41 |
|  |  | 4455 | (thermal\$3) and (radiation adj sensitive)   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 18:39 |
|  |  | 127  | (thermal\$3 adj cured) and (radiation adj sensitive)   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 18:39 |
|  |  | 28   | (undercoat and topcoat and substrate) and ((thermal\$3) and (radiation adj sensitive))   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 18:40 |
|  |  | 3    | ((undercoat and topcoat and substrate) and ((thermal\$3) and (radiation adj sensitive))) and (hydroxystyrene and (isobornyl adj (methacrylate acrylate)))  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 18:40 |
|  |  | 25   | ((undercoat and topcoat and substrate) and ((thermal\$3) and (radiation adj sensitive))) not (((undercoat and topcoat and substrate) and ((thermal\$3) and (radiation adj sensitive))) and (hydroxystyrene and (isobornyl adj (methacrylate acrylate))))   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 18:44 |
|  |  | 3    | ((undercoat and topcoat and substrate) and ((thermal\$3) and (radiation adj sensitive))) and ((thermal\$3 adj cured) and (radiation adj sensitive)) and (hydroxystyrene and (isobornyl adj (methacrylate acrylate)))   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 18:44 |
|  |  | 10   | ((undercoat and topcoat and substrate) and ((thermal\$3) and (radiation adj sensitive))) and ((thermal\$3 adj cured) and (radiation adj sensitive))  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 18:46 |
|  |  | 127  | ((thermal\$3) and (radiation adj sensitive)) and ((thermal\$3 adj cured) and (radiation adj sensitive))  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 18:46 |
|  |  | 7    | ((((thermal\$3) and (radiation adj sensitive)) and ((thermal\$3 adj cured) and (radiation adj sensitive))) and (hydroxystyrene and (isobornyl adj (methacrylate acrylate))))   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 18:46 |
|  |  | 4    | ((((thermal\$3) and (radiation adj sensitive)) and ((thermal\$3 adj cured) and (radiation adj sensitive))) and (hydroxystyrene and (isobornyl adj (methacrylate acrylate)))) not (((undercoat and topcoat and substrate) and ((thermal\$3) and (radiation adj sensitive))) and ((thermal\$3 adj cured) and (radiation adj sensitive))) and (hydroxystyrene and (isobornyl adj (methacrylate acrylate)))) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 18:46 |

|        |     |   |                                    |                  |
|--------|-----|---|------------------------------------|------------------|
|        | 3   | ((thermal\$3) and (radiation adj sensitive)) and ((thermal\$3 adj cured) and (radiation adj sensitive)) and (((polyhydroxystyrene polyvinylphenol hydroxystyrene vinylphenolic vinylphenol ) and (isobornyl near (methacrylate acrylate))) and ((thermal thermally heat) near generat\$4) )   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 18:48 |
|        | 0   | ((((thermal\$3) and (radiation adj sensitive)) and ((thermal\$3 adj cured) and (radiation adj sensitive))) and (((polyhydroxystyrene polyvinylphenol hydroxystyrene vinylphenolic vinylphenol ) and (isobornyl near (methacrylate acrylate))) and ((thermal thermally heat) near generat\$4) ) ) not (((undercoat and topcoat and substrate) and ((thermal\$3) and (radiation adj sensitive)) and ((thermal\$3 adj cured) and (radiation adj sensitive))) and (hydroxystyrene and (isobornyl adj (methacrylate acrylate)))) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 18:48 |
|        | 22  | hydroxyl and (undercoat and topcoat and substrate) and ((thermal\$3) and (radiation adj sensitive))   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 18:49 |
| 525552 |     | methacrylic acrylic acrylate methacrylate   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 18:49 |
|        | 22  | (hydroxyl and (undercoat and topcoat and substrate) and ((thermal\$3) and (radiation adj sensitive)) ) and (methacrylic acrylic acrylate methacrylate)  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 18:50 |
|        | 3   | ((undercoat and topcoat and substrate) and ((thermal\$3) and (radiation adj sensitive))) and (hydroxystyrene and (isobornyl adj (methacrylate acrylate)))   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 18:50 |
|        | 25  | ((undercoat and topcoat and substrate) and ((thermal\$3) and (radiation adj sensitive))) not (hydroxystyrene and (isobornyl adj (methacrylate acrylate)))   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 18:50 |
|        | 28  | ((((undercoat and topcoat and substrate) and ((thermal\$3) and (radiation adj sensitive))) not (hydroxystyrene and (isobornyl adj (methacrylate acrylate))) ) (hydroxyl and (undercoat and topcoat and substrate) and ((thermal\$3) and (radiation adj sensitive)) ) and (methacrylic acrylic acrylate methacrylate))   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 18:50 |
|        | 18  | (((((undercoat and topcoat and substrate) and ((thermal\$3) and (radiation adj sensitive))) not (hydroxystyrene and (isobornyl adj (methacrylate acrylate))) ) (hydroxyl and (undercoat and topcoat and substrate) and ((thermal\$3) and (radiation adj sensitive)) ) and (methacrylic acrylic acrylate methacrylate)) not ((undercoat and topcoat and substrate) and ((thermal\$3) and (radiation adj sensitive)) and ((thermal\$3 adj cured) and (radiation adj sensitive))) cycloaliphatic adj ester                     | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 19:01 |
|        | 255 |   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 19:01 |
|        | 167 | (cycloaliphatic adj ester) and hydroxyl   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 19:01 |
|        | 141 | ((cycloaliphatic adj ester) and hydroxyl) and (methacrylic acrylic acrylate methacrylate)   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 19:14 |

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|  | 4    | ((cycloaliphatic adj ester) and hydroxyl) and (methacrylic acrylic acrylate methacrylate)) and ((thermal\$3 adj cured) and (radiation adj sensitive))  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 19:15 |
|  | 112  | ((cycloaliphatic adj ester) and hydroxyl) and (methacrylic acrylic acrylate methacrylate)) and (crosslink\$3 cross-link\$3 (cross adj link\$3))  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 19:16 |
|  | 104  | ((cycloaliphatic adj ester) and hydroxyl) and (methacrylic acrylic acrylate methacrylate)) and (crosslink\$3 cross-link\$3 (cross adj link\$3)) AND (substrate support)  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 19:16 |
|  | 179  | THERMAL ADJ ACID ADJ GENERATOR   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 21:42 |
|  | 3    | (((cycloaliphatic adj ester) and hydroxyl) and (methacrylic acrylic acrylate methacrylate)) and (crosslink\$3 cross-link\$3 (cross adj link\$3)) AND (substrate support)) AND (THERMAL ADJ ACID ADJ GENERATOR)   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 19:24 |
|  | 0    | ((((cycloaliphatic adj ester) and hydroxyl) and (methacrylic acrylic acrylate methacrylate)) and (crosslink\$3 cross-link\$3 (cross adj link\$3)) AND (substrate support)) AND (THERMAL ADJ ACID ADJ GENERATOR)) NOT (((undercoat and topcoat and substrate) and ((thermal\$3) and (radiation adj sensitive))) AND (hydroxystyrene and (isobornyl adj (methacrylate acrylate))))   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 19:24 |
|  | 100  | ((((cycloaliphatic adj ester) and hydroxyl) and (methacrylic acrylic acrylate methacrylate)) and (crosslink\$3 cross-link\$3 (cross adj link\$3)) AND (substrate support)) NOT (((undercoat and topcoat and substrate) and ((thermal\$3) and (radiation adj sensitive))) AND (hydroxystyrene and (isobornyl adj (methacrylate acrylate)))) (((undercoat and topcoat and substrate) and ((thermal\$3) and (radiation adj sensitive))) AND (hydroxyl and (undercoat and topcoat and substrate) and ((thermal\$3) and (radiation adj sensitive))) AND (methacrylic acrylic acrylate methacrylate)) (((undercoat and topcoat and substrate) and ((thermal\$3) and (radiation adj sensitive))) NOT (hydroxystyrene and (isobornyl adj (methacrylate acrylate))))) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 21:16 |
|  | 4830 | (PHOTOACID ACID) ADJ GENERATOR   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 21:42 |
|  | 4830 | THERMAL ADJ ACID ADJ GENERATOR ((PHOTOACID ACID) ADJ GENERATOR   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 20:47 |

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|  | 13     | (((((cycloaliphatic adj ester) and hydroxyl) and (methacrylic acrylic acrylate methacrylate)) and (crosslink\$3 cross-link\$3 (cross adj link\$3))) and (substrate support)) NOT (((undercoat and topcoat and substrate) and ((thermal\$3) and (radiation adj sensitive))) and (hydroxystyrene and (isobornyl adj (methacrylate acrylate)))) ((undercoat and topcoat and substrate) and ((thermal\$3) and (radiation adj sensitive))) ((hydroxyl and (undercoat and topcoat and substrate) and ((thermal\$3) and (radiation adj sensitive)) ) and (methacrylic acrylic acrylate methacrylate)) (((undercoat and topcoat and substrate) and ((thermal\$3) and (radiation adj sensitive))) not (hydroxystyrene and (isobornyl adj (methacrylate acrylate))))) AND ((THERMAL ADJ ACID ADJ GENERATOR) ((PHOTOACID ACID) ADJ GENERATOR)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 20:47 |
|  | 441    | photoinitiator  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 21:17 |
|  | 1      | photoinitiator and (((((cycloaliphatic adj ester) and hydroxyl) and (methacrylic acrylic acrylate methacrylate)) and (crosslink\$3 cross-link\$3 (cross adj link\$3))) and (substrate support))   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 21:17 |
|  | 19731  | photoinitiator  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 21:17 |
|  | 37     | photoinitiator and (((((cycloaliphatic adj ester) and hydroxyl) and (methacrylic acrylic acrylate methacrylate)) and (crosslink\$3 cross-link\$3 (cross adj link\$3))) and (substrate support))   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 21:17 |
|  | 37     | photoinitiator and (((((cycloaliphatic adj ester) and hydroxyl) and (methacrylic acrylic acrylate methacrylate)) and (crosslink\$3 cross-link\$3 (cross adj link\$3))) and (substrate support))) photoinitiator and (((((cycloaliphatic adj ester) and hydroxyl) and (methacrylic acrylic acrylate methacrylate)) and (crosslink\$3 cross-link\$3 (cross adj link\$3))) and (substrate support)))   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 21:39 |
|  | 89479  | hydroxystyrene ((hydroxy\$9yl hydroxycyclo\$9yl) adj (methacrylate acrylate)) (benzyl adj alcohol) (allyl adj alcohol)  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 21:40 |
|  | 4589   | (isobornyl norbornyl adamantyl) adj (methacrylate acrylate)   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 21:41 |
|  | 331718 | crosslink\$3 cross-link\$3 (cross adj link\$3)  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 21:41 |
|  | 614    | undercoat and topcoat and substrate   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 21:41 |
|  | 179    | THERMAL ADJ ACID ADJ GENERATOR  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 21:42 |
|  | 4830   | (PHOTOACID ACID) ADJ GENERATOR  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 21:42 |

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|  | 2716  | ((hydroxystyrene ((hydroxy\$9yl hydroxycyclo\$9yl) adj (methacrylate acrylate)) (benzyl adj alcohol) (allyl adj alcohol) ) and ((isobornyl norbornyl adamantyl) adj (methacrylate acrylate)))   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 21:42 |
|  | 2042  | ((hydroxystyrene ((hydroxy\$9yl hydroxycyclo\$9yl) adj (methacrylate acrylate)) (benzyl adj alcohol) (allyl adj alcohol) ) and ((isobornyl norbornyl adamantyl) adj (methacrylate acrylate))) and (crosslink\$3 cross-link\$3 (cross adj link\$3) )   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 21:42 |
|  | 126   | ((hydroxystyrene ((hydroxy\$9yl hydroxycyclo\$9yl) adj (methacrylate acrylate)) (benzyl adj alcohol) (allyl adj alcohol) ) and ((isobornyl norbornyl adamantyl) adj (methacrylate acrylate))) and (crosslink\$3 cross-link\$3 (cross adj link\$3) )) and ((THERMAL ADJ ACID ADJ GENERATOR ) ((PHOTOACID ACID) ADJ GENERATOR ))  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 21:42 |
|  | 92612 | ((radiation light photo) adj sensitive) light-sensitive photo-sensitive   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 21:43 |
|  | 11592 | thermal\$2 adj cur\$4   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 21:43 |
|  | 59    | (((hydroxystyrene ((hydroxy\$9yl hydroxycyclo\$9yl) adj (methacrylate acrylate)) (benzyl adj alcohol) (allyl adj alcohol) ) and ((isobornyl norbornyl adamantyl) adj (methacrylate acrylate))) and (crosslink\$3 cross-link\$3 (cross adj link\$3) )) and ((THERMAL ADJ ACID ADJ GENERATOR ) ((PHOTOACID ACID) ADJ GENERATOR ))) and (((radiation light photo) adj sensitive) light-sensitive photo-sensitive )                               | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 21:44 |
|  | 6     | ((((hydroxystyrene ((hydroxy\$9yl hydroxycyclo\$9yl) adj (methacrylate acrylate)) (benzyl adj alcohol) (allyl adj alcohol) ) and ((isobornyl norbornyl adamantyl) adj (methacrylate acrylate))) and (crosslink\$3 cross-link\$3 (cross adj link\$3) )) and ((THERMAL ADJ ACID ADJ GENERATOR ) ((PHOTOACID ACID) ADJ GENERATOR ))) and (((radiation light photo) adj sensitive) light-sensitive photo-sensitive )) and (thermal\$2 adj cur\$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/03/18 21:44 |
|  | 35    | ("3245954"   "3884992"   "3912773"   "4072770"   "4407927"   "4481049"   "4593052"   "4800152"   "4866133"   "4980268"   "5218018"   "5242980"   "5286599"   "5397685"   "5492793"   "5547812"   "5597868"   "5618892"   "5635332"   "5658706"   "5660969"   "5665518"   "5691111"   "5695910"   "5700624"   "5707776"   "5731125"   "5736296"   "5738975"   "5744281"   "5750309"   "5759739"   "5773191"   "6054248"   "6114085") .PN.      | USPAT                              | 2004/03/19 17:23 |